

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110518\  
 Data File : VX005777.D  
 Acq On : 05 Nov 2018 14:44  
 Operator : JC/MD  
 Sample : J5665-04ME  
 Misc : 3.66g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DL-07BME

Quant Time: Nov 06 08:17:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 31 18:23:06 2018  
 Response via : Initial Calibration

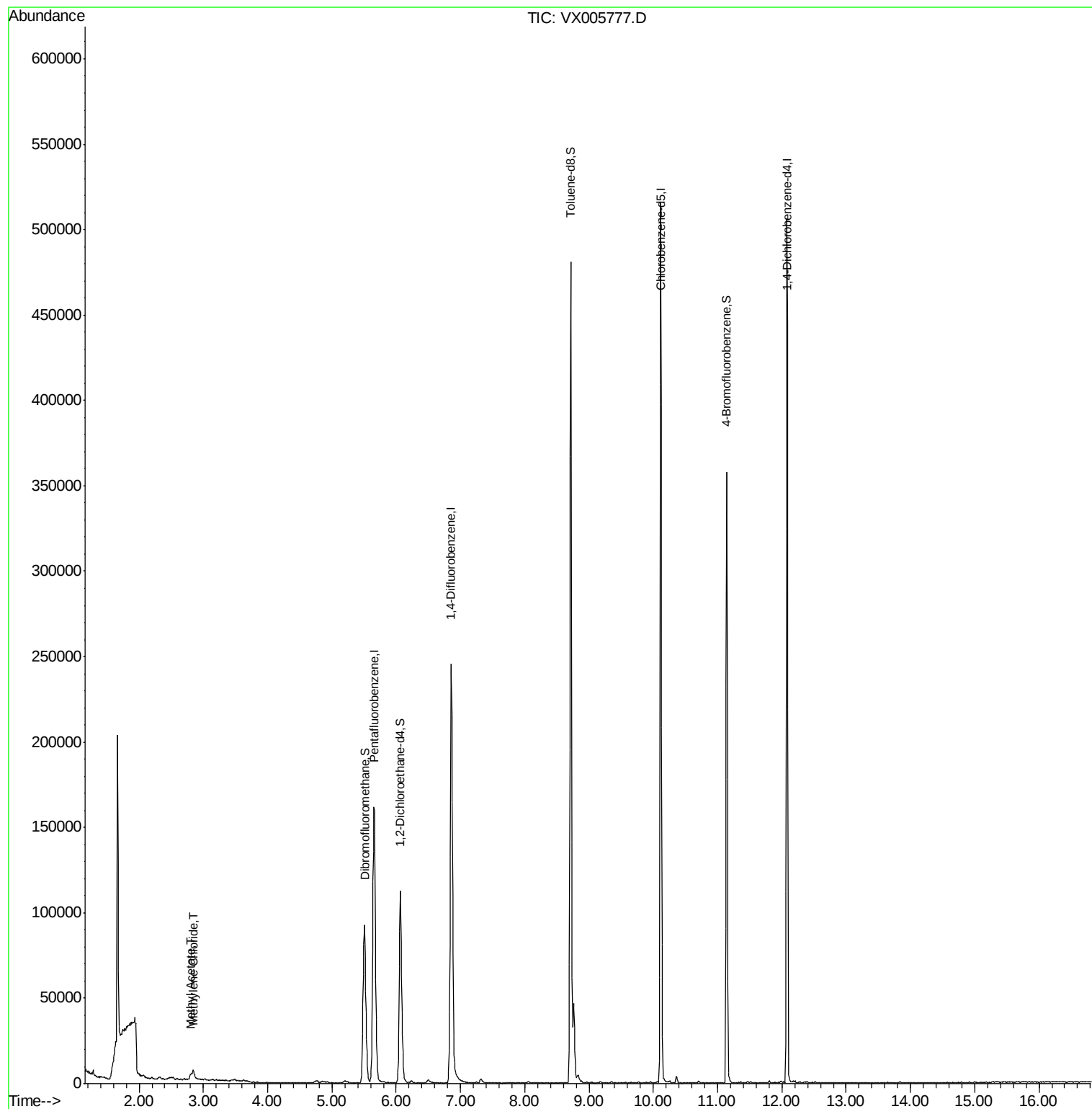
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 153194   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 253542   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 233322   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 100025   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 111364   | 49.72 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.44% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 85580    | 48.75 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.50% |          |
| 50) Toluene-d8              | 8.71  | 98   | 292483   | 47.50 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.00% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 94676    | 41.66 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 83.32% |          |
| Target Compounds            |       |      |          |       |        |          |
| 18) Methyl Acetate          | 2.80  | 43   | 5402     | 1.681 | ug/l # | 90       |
| 20) Methylene Chloride      | 2.85  | 84   | 2505     | 1.297 | ug/l # | 81       |

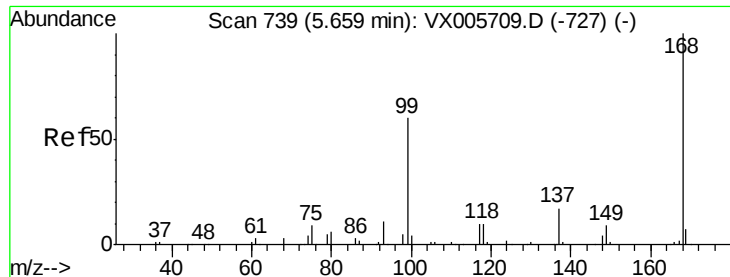
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J5665-04ME  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
DL-07BME

Quant Time: Nov 06 08:17:16 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103118W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 31 18:23:06 2018  
Response via : Initial Calibration

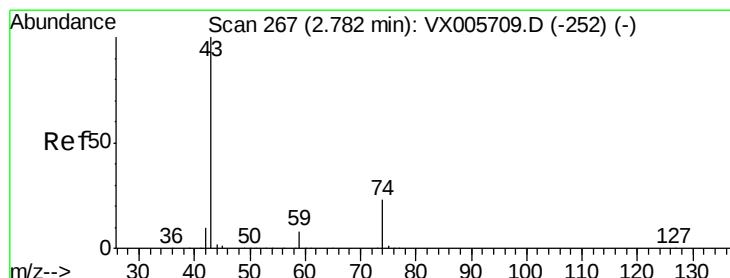
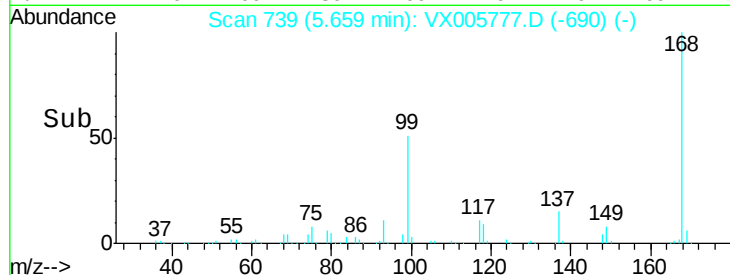
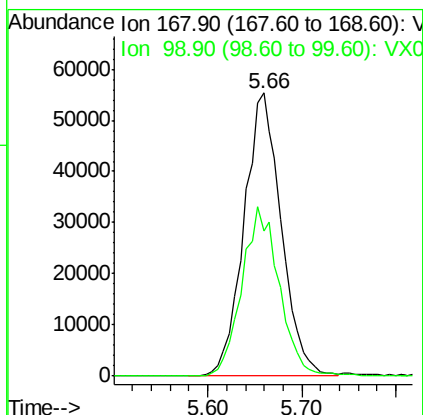
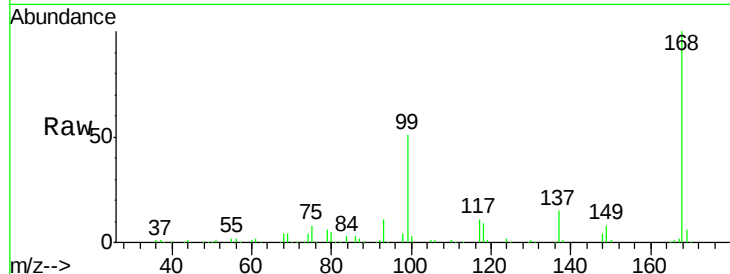




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: VX005777.D  
Acq: 05 Nov 2018 14:44

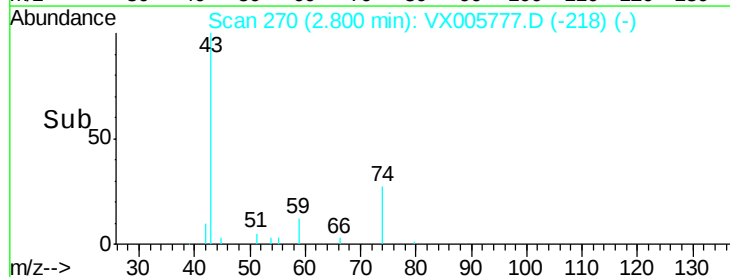
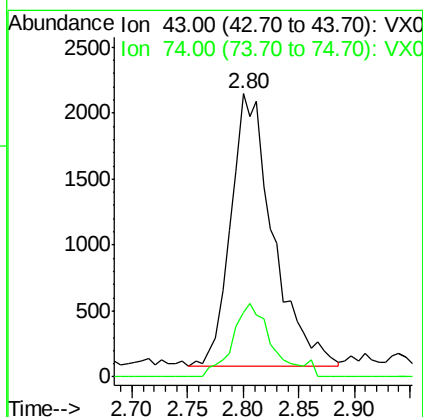
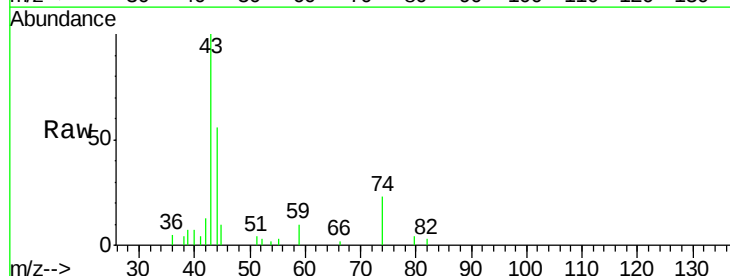
Instrument :  
MSVOA\_X  
ClientSampleId :  
DL-07BME

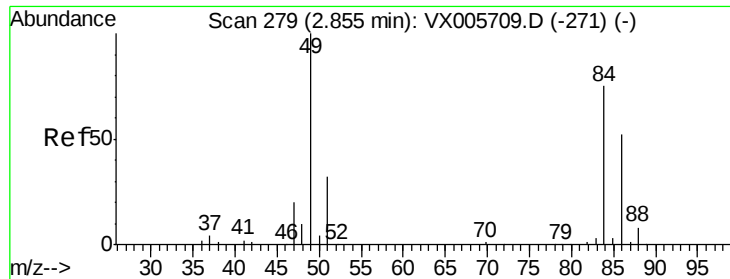
Tgt Ion: 168 Resp: 153194  
Ion Ratio Lower Upper  
168 100  
99 51.4 40.7 61.1



#18  
Methyl Acetate  
Concen: 1.681 ug/l  
RT: 2.80 min Scan# 270  
Delta R.T. 0.02 min  
Lab File: VX005777.D  
Acq: 05 Nov 2018 14:44

Tgt Ion: 43 Resp: 5402  
Ion Ratio Lower Upper  
43 100  
74 25.6 16.8 25.2#

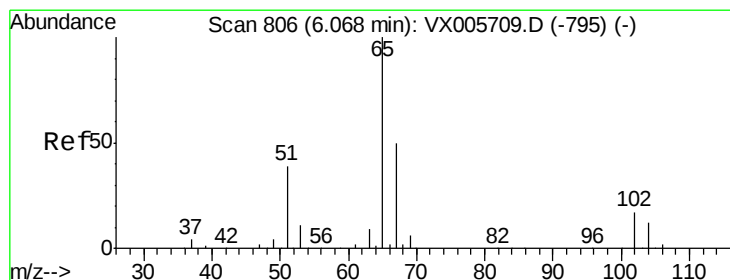
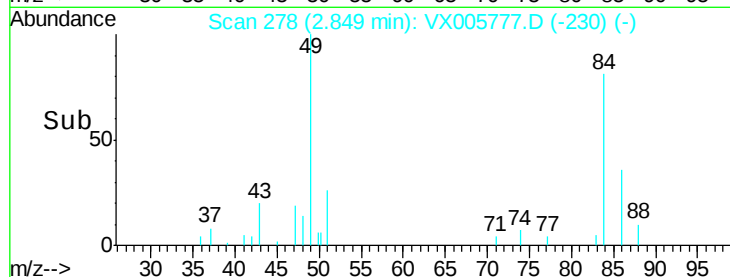
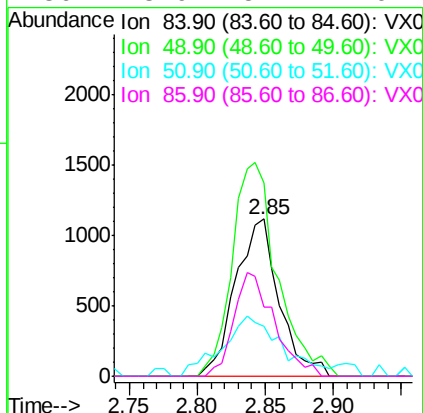
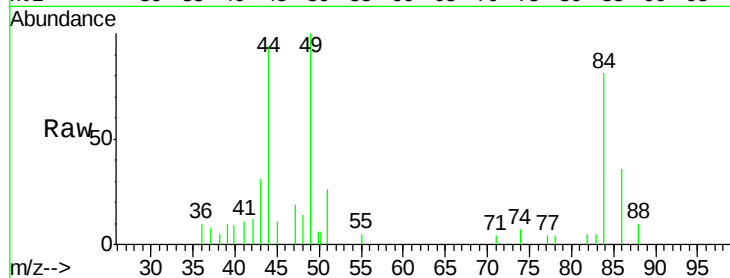




#20  
Methylene Chloride  
Concen: 1.297 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. -0.01 min  
Lab File: VX005777.D  
Acq: 05 Nov 2018 14:44

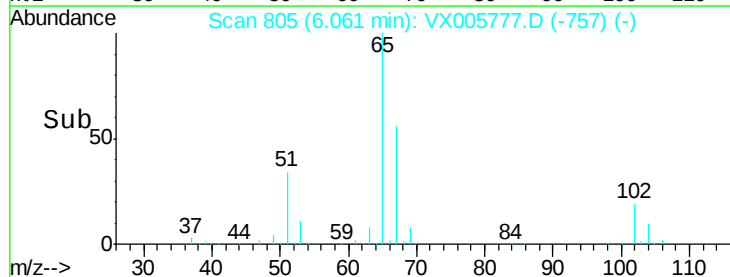
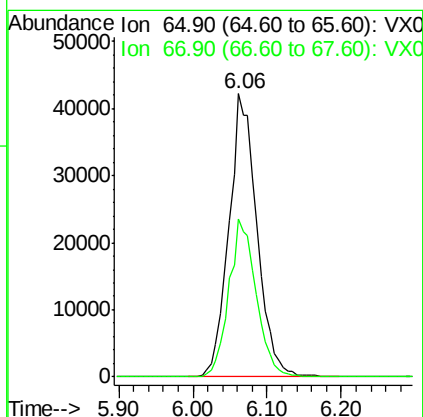
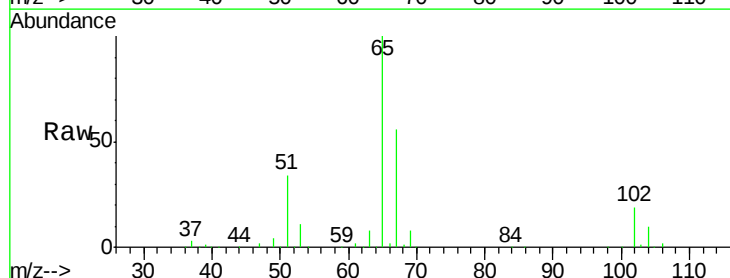
Instrument :  
MSVOA\_X  
ClientSampleId :  
DL-07BME

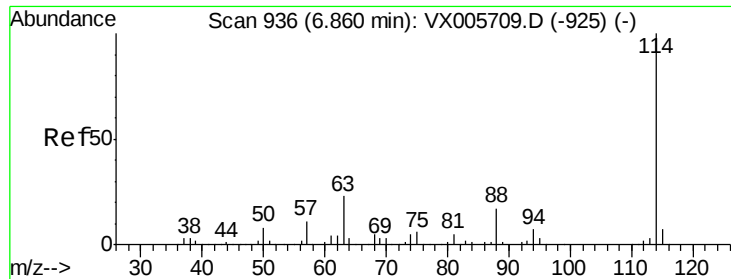
Tgt Ion: 84 Resp: 2505  
Ion Ratio Lower Upper  
84 100  
49 123.2 109.5 164.3  
51 24.2 33.3 49.9#  
86 43.9 52.7 79.1#



#33  
1,2-Dichloroethane-d4  
Concen: 49.722 ug/l  
RT: 6.06 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: VX005777.D  
Acq: 05 Nov 2018 14:44

Tgt Ion: 65 Resp: 111364  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 105.0

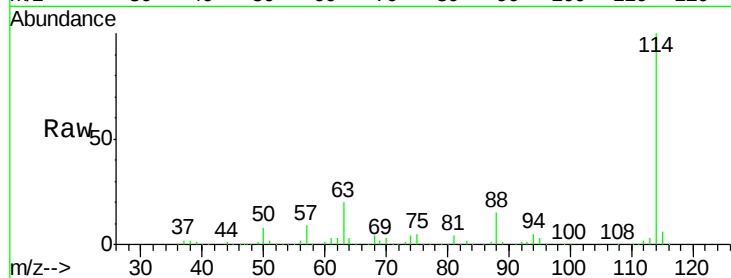




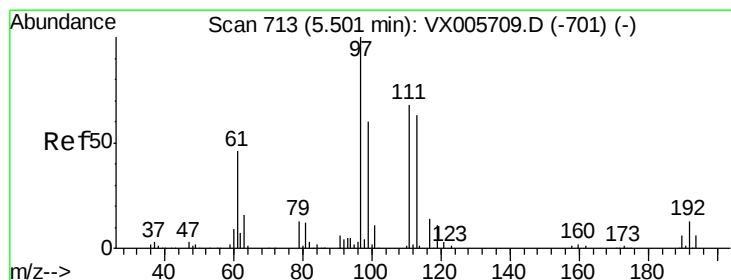
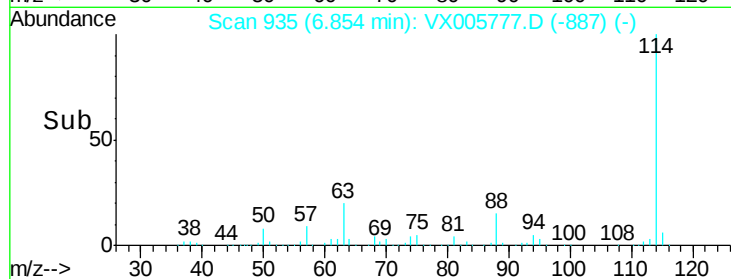
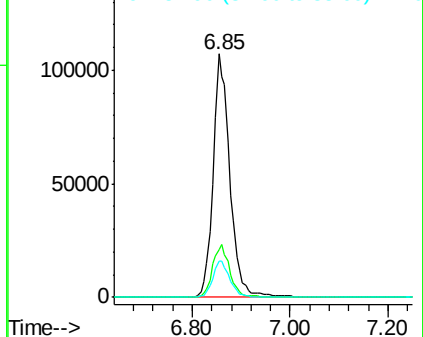
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX005777.D  
 Acq: 05 Nov 2018 14:44

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 DL-07BME

Tgt Ion:114 Resp: 253542  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 42.8  
 88 14.7 0.0 31.2

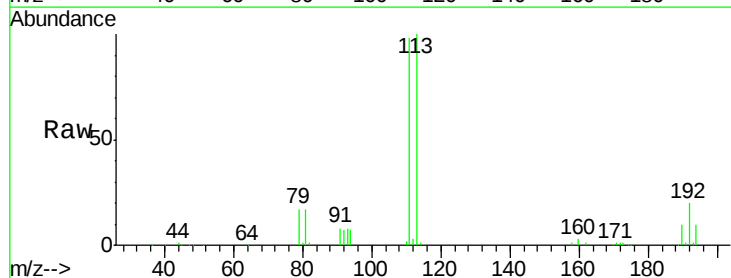


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX  
 Ion 87.90 (87.60 to 88.60): VX

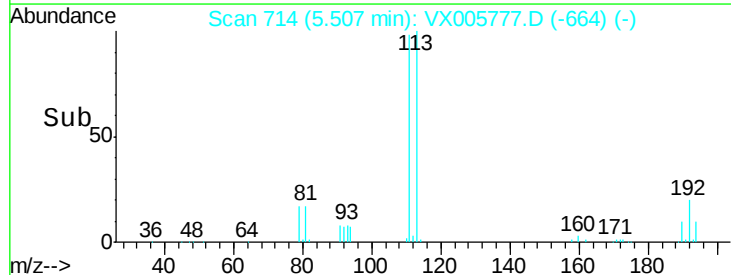
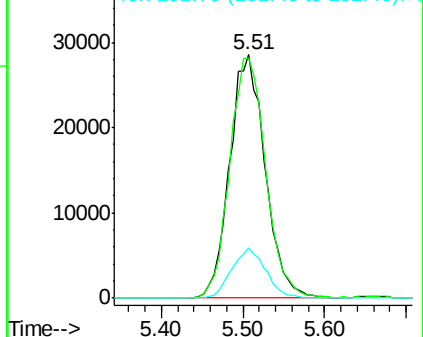


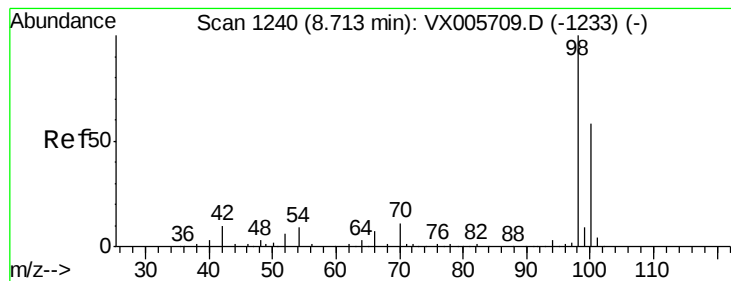
#35  
 Dibromofluoromethane  
 Concen: 48.748 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VX005777.D  
 Acq: 05 Nov 2018 14:44

Tgt Ion:113 Resp: 85580  
 Ion Ratio Lower Upper  
 113 100  
 111 100.8 82.3 123.5  
 192 19.8 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.502 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005777.D

Acq: 05 Nov 2018 14:44

Instrument :

MSVOA\_X

ClientSampleId :

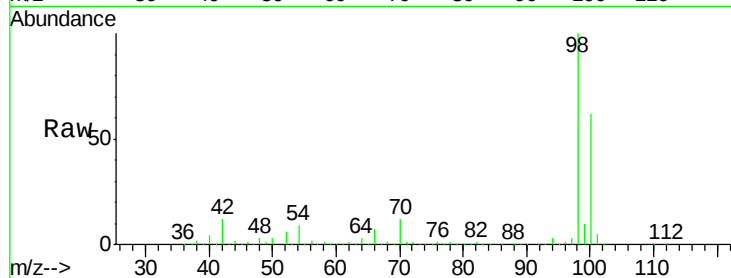
DL-07BME

Tgt Ion: 98 Resp: 292483

Ion Ratio Lower Upper

98 100

100 62.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

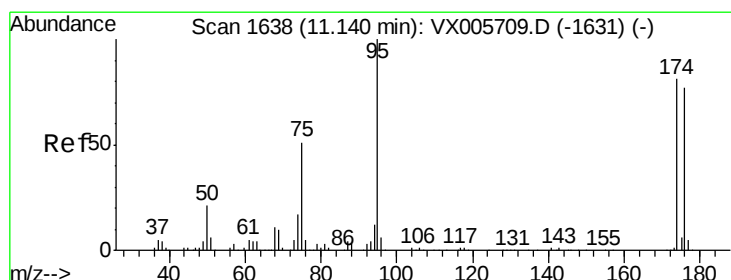
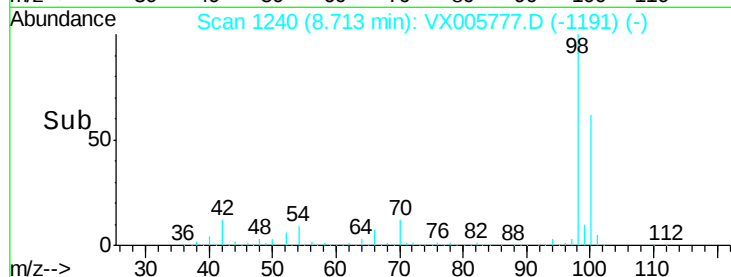
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 41.662 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005777.D

Acq: 05 Nov 2018 14:44

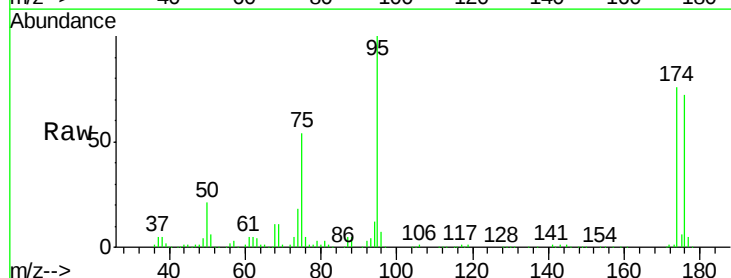
Tgt Ion: 95 Resp: 94676

Ion Ratio Lower Upper

95 100

174 82.3 0.0 184.4

176 78.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

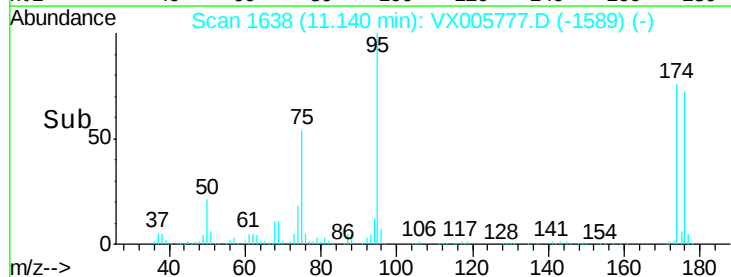
60000

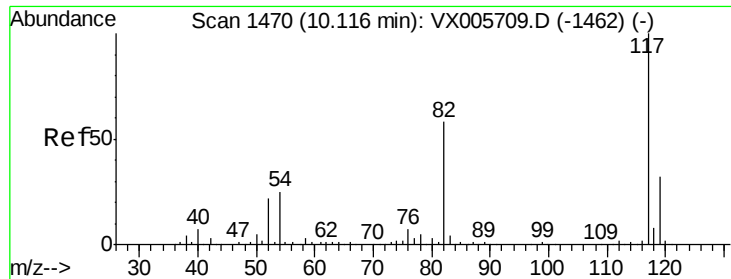
40000

20000

0

Time--> 11.10 11.20 11.30

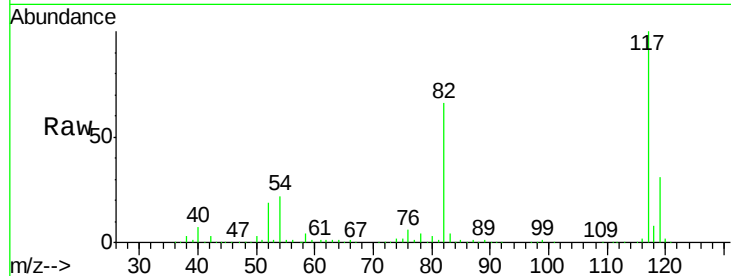




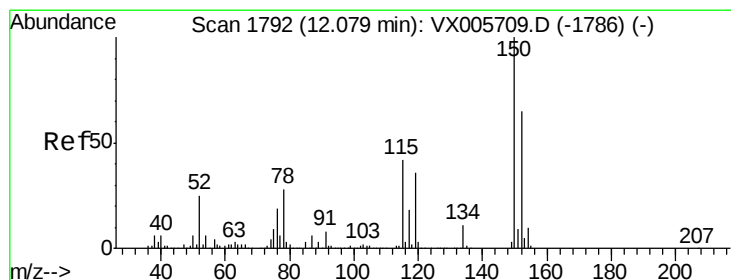
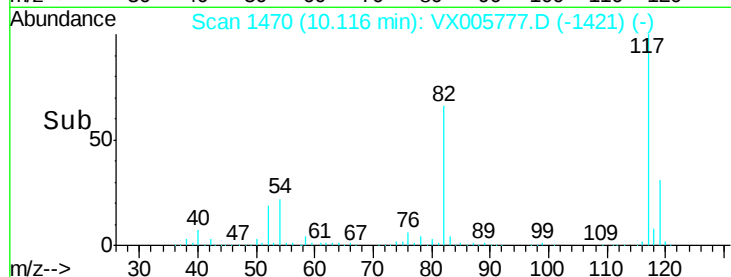
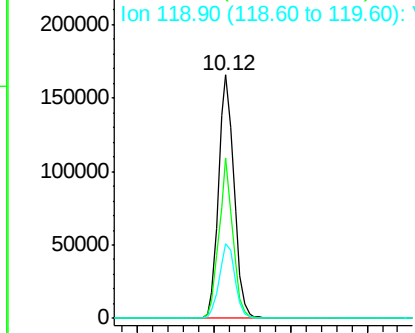
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005777.D  
Acq: 05 Nov 2018 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
DL-07BME

Tgt Ion:117 Resp: 233322  
Ion Ratio Lower Upper  
117 100  
82 65.7 44.1 66.1  
119 30.7 26.2 39.2

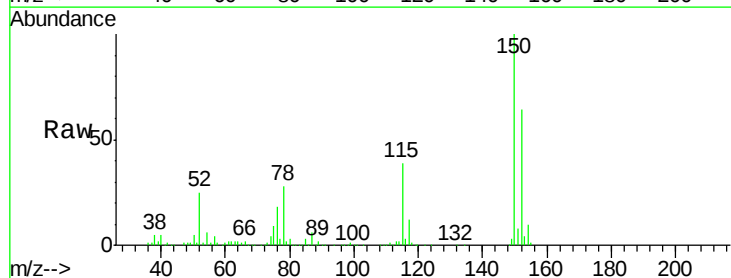


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX005777.D  
Acq: 05 Nov 2018 14:44

Tgt Ion:152 Resp: 100025  
Ion Ratio Lower Upper  
152 100  
115 58.6 39.4 118.1  
150 155.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V

